# ONE PAGE BUSINESS CASE FOR BLOCKCHAIN IN R&D USE-CASE WORKSHOP

## WHAT

**Brief summary, as a bulleted list, of the project**

Once the Pistoia Alliance (PA) community has had further training, it will be important, to keep the momentum going, for further use-case analysis to occur in the two identified hotpot areas of “Data Sharing” and “Data Integrity” so as to develop more project ideas of potential value to PA members. The following is proposed to address this:

- Prepare, host and run a facilitated half-day “Blockchain in Life Sciences R&D Use-Case Identification” workshop in Boston in October 2018.
- In the workshop, brainstorm ideas within the two defined themes (Data Sharing & Data Integrity).
- Use a “Business Model Canvas”

## PROBLEM STATEMENT

**Briefly describe as a bulleted list the issues the project will try to solve**

- Pistoia Alliance Blockchain Community of Interest (CoI) members have expressed a strong desire to contribute actively to the identification and development of appropriate use-cases in life sciences R&D that warrant blockchain-enabled solutions.
- There is no easy and “safe” mechanism for interested parties to come together to do this “brainstorming” and idea synthesis activity. A facilitated workshop would allow this happen.

## WHY

**Brief summary of why this project will solve the issues above**

- Surveying the Pistoia Alliance Blockchain CoI in early 2018 identified two hotspot areas that they would like to see further investigated to determine whether blockchain-enabled solutions could be of value in life sciences R&D. These two areas are “Data Sharing” and “Data Integrity”.
- The CoI expressed the view strongly that the majority did not have a sufficient level of knowledge to identify appropriate use-cases immediately and needed more “education” and training before they felt they could make informed judgements on what use-cases and projects might be relevant. Consequently, EDUCATE activities, sponsored by PA have been proposed through 2018.
- As a follow-up to these EDUCATE activities, a workshop to allow PA members and CoI folk to identify and work up other potential use-case ideas into preliminary project proposals.
- Such a workshop would fit well against PA objectives in that it would allow cross-industry personnel to come together and develop ideas that they all feel warrant further work, but not focused on specific business-critical or proprietary problems.

## BENEFIT STATEMENT

**What will the benefits be, to whom, of delivering the project.**

Some of the benefits of the workshop are:

- A set of high quality use-case ideas that would benefit from blockchain-enablement are identified.
- The facilitated workshop structure means that the ideas are likely to be of wide utility across the PA community and so of high priority.
- The collaborative workshop approach means that a high degree of ownership and support for the ideas, and for any subsequent follow-up project(s), will exist.
- Running the workshop alongside the PA Fall 2018 conference will provide good connectivity to other PA activities.
- Facilitation by a globally respected group, who have significant experience running this kind of workshop, should give a high guarantee of success.
- The workshop will build on earlier EDUCATE activities and will “cement” that blockchain tech training in the attendees.

## RISKS

**What could happen that may: (i) stop the project from going ahead; (ii) stop the project once it has started**

(i) Preventing the project from happening:

- Funds are not forthcoming. **Likelihood**: Medium; **Impact**: Showstopper. **Mitigation**: Make the case for doing the workshop strong.
- Prior EDUCATE activities do not happen so making potential attendees feel they are not informed enough to productively participate. **Likelihood**: Medium; **Impact**: High. **Mitigation**: The planned EDUCATE webinar earlier in 2018 must be funded to go ahead and must happen.
- Insufficient attendees sign up so making the event not worthwhile. **Likelihood**: Medium; **Impact**: High. **Mitigation**: Good publicity to “sell” the workshop and its

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(ii) Stopping the project once started:
- People volunteer to attend but then do not show up to the event, so making the workshop not viable. **Likelihood**: Low-Medium; **Impact**: High. **Mitigation**: Good publicity to "sell" the workshop and its potential benefits (see above)

**COSTS & TIMINGS**

*Initial estimates*

- It is proposed to use the Fraunhofer Blockchain Lab\(^2\), who, it is hoped, will also run the 2-3 hour blockchain webinar earlier in 2018 to organise, to facilitate this workshop. They have considerable experience running these kinds of events.
- Prof. Wolfgang Prinz has provided the following cost estimates:-

“We calculate 6.000 Euro plus travel costs from Germany to Boston. This would also include 2 people since we believe that the interactive session requires 2 people for 20 participants.”

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**SUPPORTING DOCUMENTS ATTACHED**

*If any*